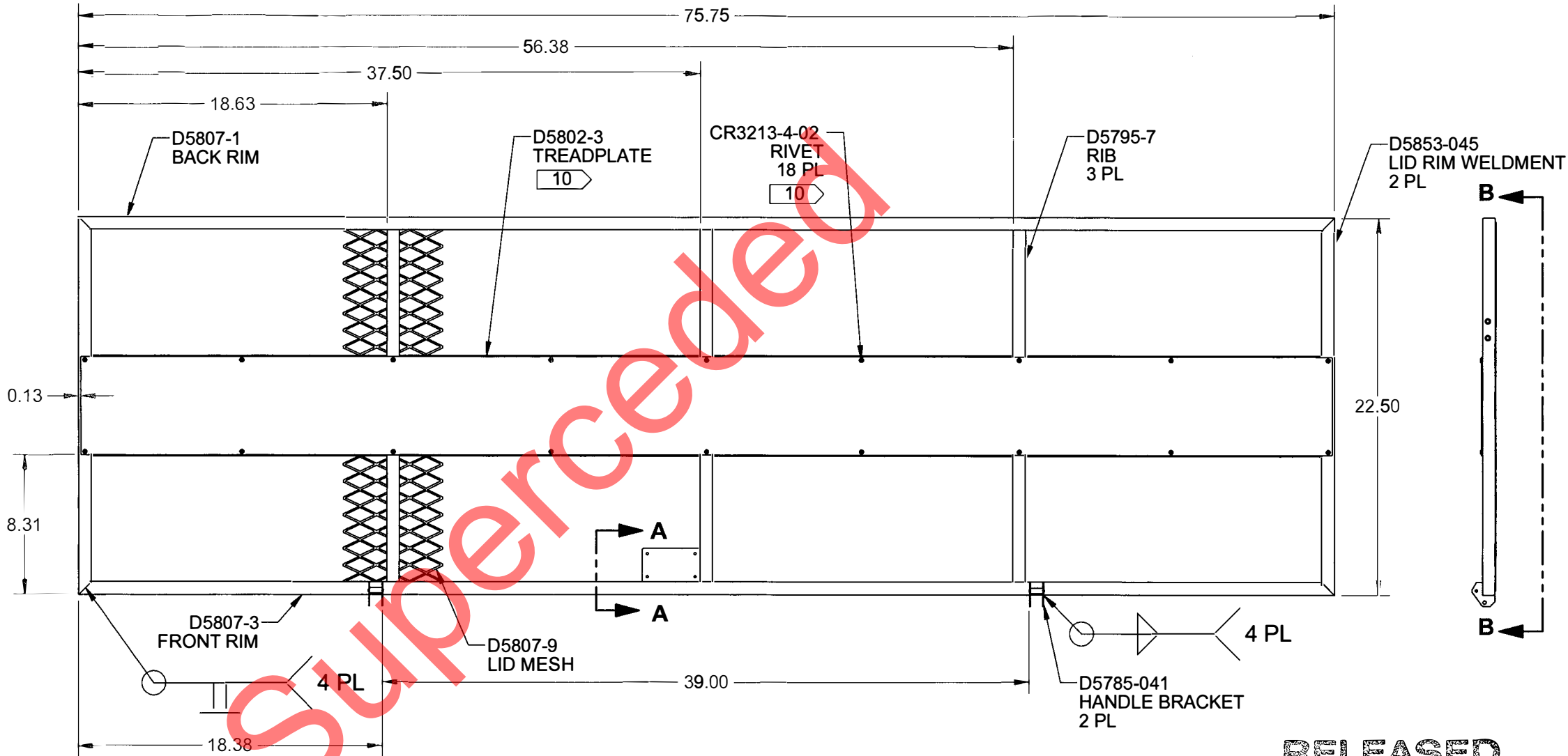


QTY -041	P/N	DESCRIPTION
X	D5807-041	MEDIUM LID ASSY
2	D5785-041	HANDLE BRACKET
3	D5795-7	RIB
1	D5795-15	PLACARD BRACKET
1	D5802-3	TREADPLATE
1	D5807-1	BACK RIM
1	D5807-3	FRONT RIM
4	D5807-5	STRINGER
4	D5807-7	STRINGER
1	D5807-9	LID MESH
2	D5853-045	LID RIM WELDMENT
18	CR3213-4-02	RIVET



D5807-041 MEDIUM LID ASSY
(DERIVED FROM AERO DESIGN P/N 69812-01)
(MESH SHOWN LOCALLY FOR CLARITY)

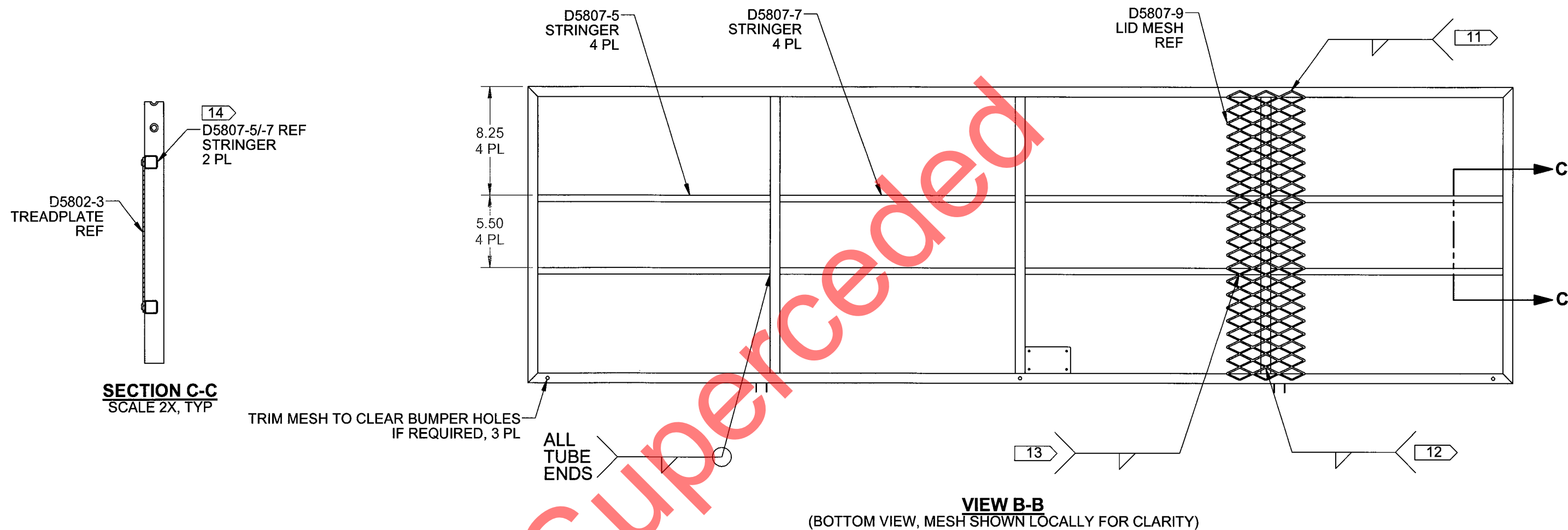
- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3.
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
 - 7) WEIGHT: 18.50 lbs
 - 8) WELD PER DART QSI 004. IT IS PERMISSIBLE TO BUFF OR GRIND TO CLEAN UP WELDS
 - 9) DRILL #30 (Ø0.129) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
 - 10) INSTALL TREADPLATE AFTER FINISH. TRANSFER MARK AND DRILL HOLES Ø0.129 +0.003/-0.000 FROM TREADPLATE TO LID. FAY SEAL SURFACES BETWEEN LID AND TREADPLATE WITH RTV SILICONE. SECURE TREADPLATE WITH RIVETS.
 - 11) WELD EVERY MESH INTERSECTION ALONG RIM.
 - 12) FOR EACH RIB, WELD FIRST 5 MESH INTERSECTIONS DOWN EACH END THEN EVERY 2ND MESH INTERSECTION MINIMUM
 - 13) FOR EACH STRINGER, WELD EVERY 2ND MESH INTERSECTION MINIMUM.
 - 14) ALIGN STRINGERS TO TOP OF LID.
 - 15) LOCATE D5795-15 PLACARD BRACKET FLUSH WITH BOTTOM OF LID. TRIM MESH TO CLEAR BRACKET LEAVING 0.25 OVERLAP. WELD MESH TO BRACKET.

APPROVED

A	NEW ISSUE	ZF	20.01.21
REV.	DESCRIPTION	BY	DATE
DESIGN	ZF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	ZF		
CHECKED	KPT	DRAWING NO.	REV. A
MFG. APPR.	DD	D5807	SHEET 1 OF 5
APPROVED	NO	TITLE	SCALE
DE APPR.	CP	MEDIUM LID ASSY	NTS
DATE	20.01.21	COPYRIGHT © 2020 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

D
C
B
A

8 7 6 5 4 3 2 1



UNDER REVIEW
ECR: HB ECR 132

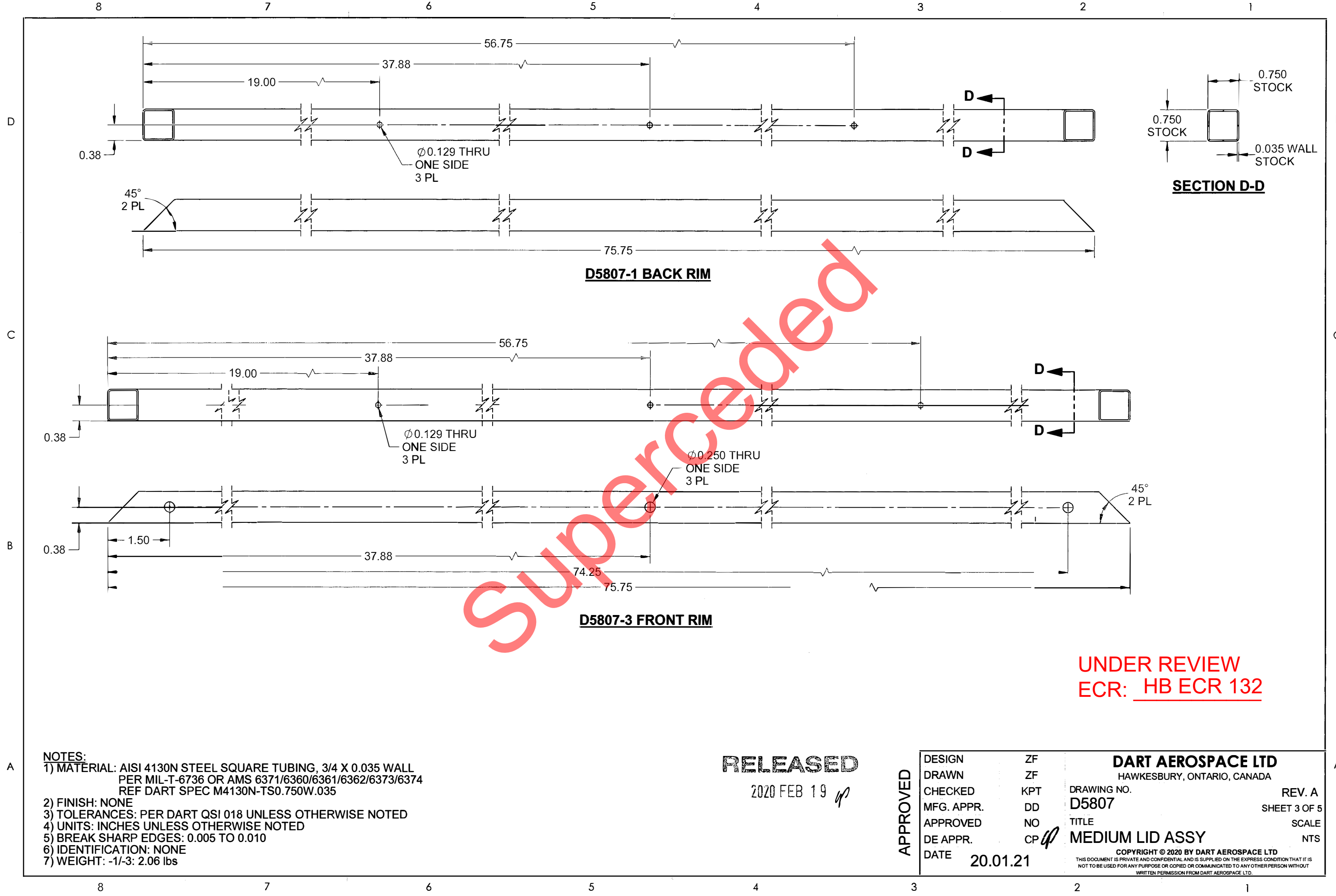
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2020 FEB 19 *up*

APPROVED

DESIGN	ZF
DRAWN	ZF
CHECKED	KPT
MFG. APPR.	DD
APPROVED	NO
DE APPR.	CP <i>up</i>
DATE	20.01.21

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D5807	REV. A SHEET 2 OF 5
TITLE MEDIUM LID ASSY	SCALE NTS
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8 7 6 5 4 3 2 1



D5807-1 BACK RIM

D5807-3 FRONT RIM

SECTION D-D

UNDER REVIEW
ECR: HB ECR 132

- NOTES:
- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 3/4 X 0.035 WALL
PER MIL-T-6736 OR AMS 6371/6360/6361/6362/6373/6374
REF DART SPEC M4130N-TS0.750W.035
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: -1/-3: 2.06 lbs

RELEASED
2020 FEB 19

APPROVED

DESIGN	ZF
DRAWN	ZF
CHECKED	KPT
MFG. APPR.	DD
APPROVED	NO
DE APPR.	CP
DATE	20.01.21

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

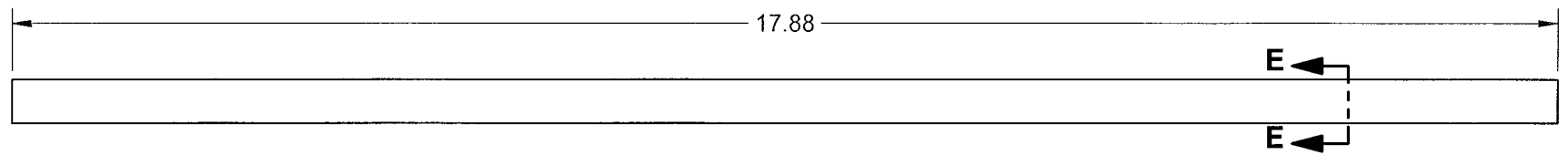
DRAWING NO. **D5807**

TITLE **MEDIUM LID ASSY**

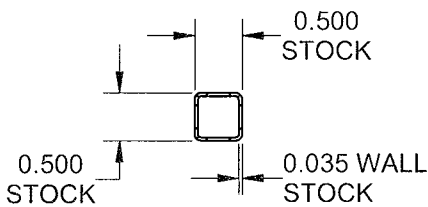
REV. A
SHEET 3 OF 5
SCALE
NTS

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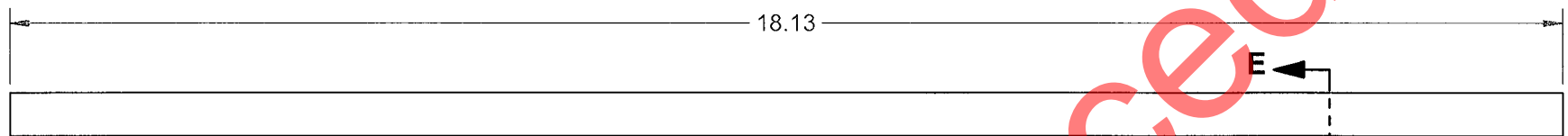


D5807-5 STRINGER



SECTION E-E

C



D5807-7 STRINGER

B

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NOTES:

- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 1/2 X 0.035 WALL
PER MIL-T-6736 OR AMS 6371/6360/6361/6362/6373/6374
REF DART SPEC M4130N-TS0.500W.035
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: -5: 0.31 lbs
-7: 0.32 lbs

RELEASED

2020 FEB 19 *qf*

APPROVED

DESIGN	ZF
DRAWN	ZF
CHECKED	KPT
MFG. APPR.	DD
APPROVED	NO
DE APPR.	CP <i>qf</i>
DATE	20.01.21

UNDER REVIEW
ECR: HB ECR 132

DART AEROSPACE LTD

HAWKESBURY, ONTARIO, CANADA

DRAWING NO.

D5807

TITLE

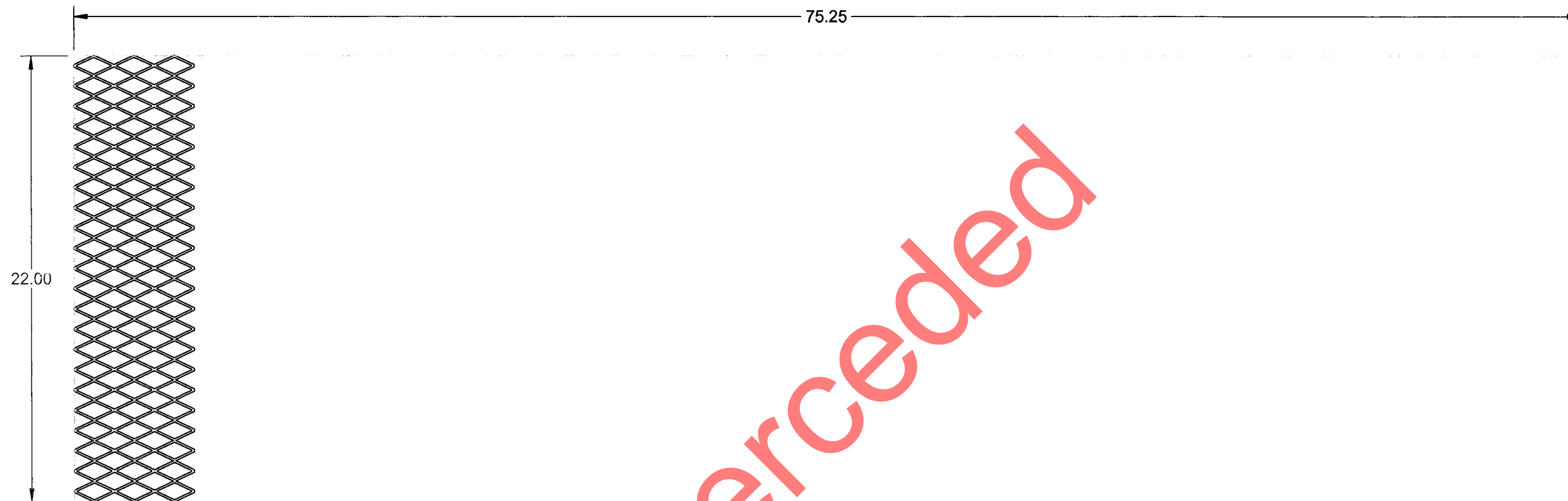
MEDIUM LID ASSY

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D5807-9 LID MESH
(MESH SHOWN LOCALLY FOR CLARITY)

UNDER REVIEW
ECR: HB ECR 132

A

A

- NOTES:
- 1) MATERIAL: CARBON STEEL EXPANDED METAL MESH 3/4-16F
PER ASTM F1267 OR MIL-M-17194D
REF DART SPEC M569EX0.75-16F
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 6.04 lbs

RELEASED

10/0 FEB 19 *q*

APPROVED

DESIGN	ZF
DRAWN	ZF
CHECKED	KPT
MFG. APPR.	DD
APPROVED	NO
DE APPR.	CP <i>q</i>
DATE	20.01.21

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D5807	REV. A SHEET 5 OF 5
TITLE MEDIUM LID ASSY	SCALE NTS
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